



TECHNICAL DATA

Application	residential roads (internal), surrounding office buildings, parks, pedestrians
Colour	graphite / black
Ingress protection	IP 66 for the optical part and the driver
Optical system	PMMA optics, interchangeable LED module
Material	anodised aluminium alloy
Expected useful lifetime	L90B10 - 100 000 h
CRI	>70
Input voltage frequency	50/60Hz
Power factor	≥0.95
Number of LED	12 (dla 24 W), 24 (dla 48 W)
Control system	LED lighting set has the possibility to connect to an external control system via DALI interface (optionally via analog signal 1-10V).

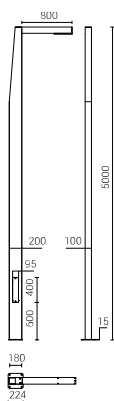


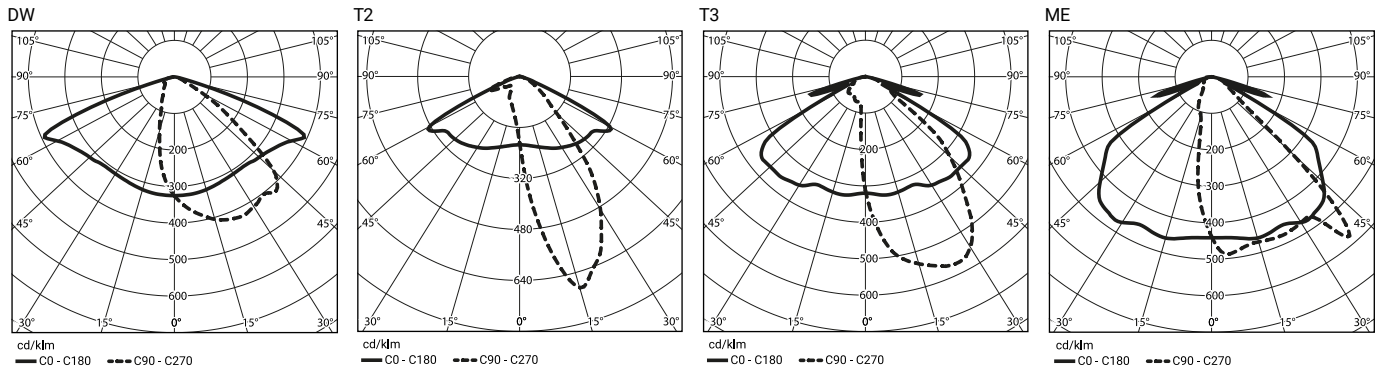
TABLE OF TYPES

Code	Symbol	Height of the column [H]	LED power	Luminaire power consumption	LED forward current	Colour temperature (CCT)	LEDs luminous flux ¹	Luminaire luminous flux ¹	Luminous efficacy ¹	Unit volume	Concrete footing / reinforcement basket type	Concrete footing / reinforcement basket code	Net weight
216530/1/... ²	CORE LED 24	5 m	24 W	28 W	700 mA	2700 K	3600 lm	2650 lm	95 lm/W	1.25 m ³	B-50 / Z-50	311150 / 311205	42 kg
216530/3/... ²	CORE LED 24	5 m	24 W	28 W	700 mA	3500 K	3700 lm	2700 lm	96 lm/W	1.25 m ³	B-50 / Z-50	311150 / 311205	42 kg
216530/4/... ²	CORE LED 24	5 m	24 W	28 W	700 mA	4000 K	4350 lm	3200 lm	114 lm/W	1.75 m ³	B-50 / Z-50	311150 / 311205	42 kg
216530/6/... ²	CORE LED 24	5 m	24 W	28 W	700 mA	5000 K	4350 lm	3200 lm	114 lm/W	1.25 m ³	B-50 / Z-50	311150 / 311205	42 kg
216533/1/... ²	CORE LED 48	5 m	48 W	55 W	700 mA	2700 K	7050 lm	5150 lm	94 lm/W	1.25 m ³	B-50 / Z-50	311150 / 311205	42 kg
216533/3/... ²	CORE LED 48	5 m	48 W	55 W	700 mA	3500 K	7350 lm	5350 lm	97 lm/W	1.75 m ³	B-50 / Z-50	311150 / 311205	42 kg
216533/4/... ²	CORE LED 48	5 m	48 W	55 W	700 mA	4000 K	8650 lm	6300 lm	115 lm/W	1.25 m ³	B-50 / Z-50	311150 / 311205	42 kg
216533/6/... ²	CORE LED 48	5 m	48 W	55 W	700 mA	5000 K	8650 lm	6300 lm	115 lm/W	1.25 m ³	B-50 / Z-50	311150 / 311205	42 kg

1) tolerance +/- 5% due to LEDs accuracy

2) symbol of chosen optical system eg. 216530/6/T2 is CORE LED 24 5000K with T2 optical system





Luminaire in standard has following functions of intelligent power supply:

- Connection to outside control system by DALI interface (operation of analog signal 1-10V as an option),
- Possibility of programming multistage dimming of luminaire, up to 5 intervals in the range of from 10 to 100% of nominal power,
- Temperature protection of LED module (from overheating) in case of unintentional luminaire operation during the,
- Regulation of power / luminous flux – the option of setting another value than the catalogue in the range of 30-100% of nominal one,

Overcurrent switches MCB type B or C

Lighting set	Typ	2A	4A	6A	10A	16A	20A	25A
CORE LED 24W	B	3	6	10	16	26	32	40
	C	3	10	16	27	44	54	67
CORE LED 48W	B	1	2	4	6	11	13	17
	C	1	4	6	11	18	22	28

Fuse – type gG and GL

Lighting set	2A	4A	6A	10A	16A	20A	25A
CORE LED 24W	1	10	19	25	50	68	97
CORE LED 48W	0	4	8	11	21	29	42